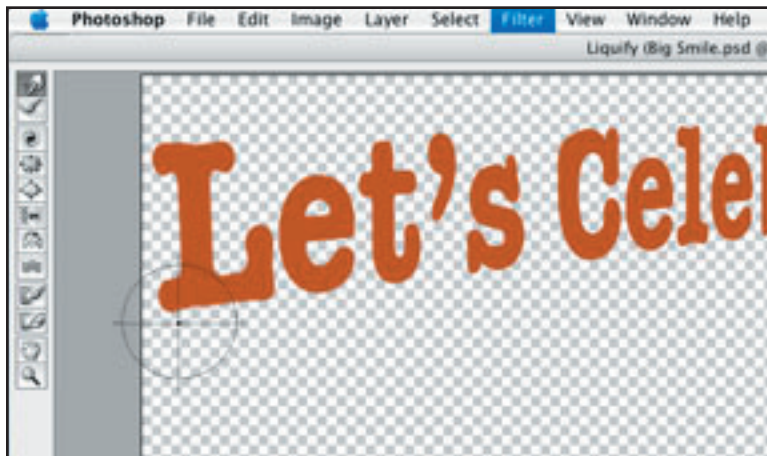
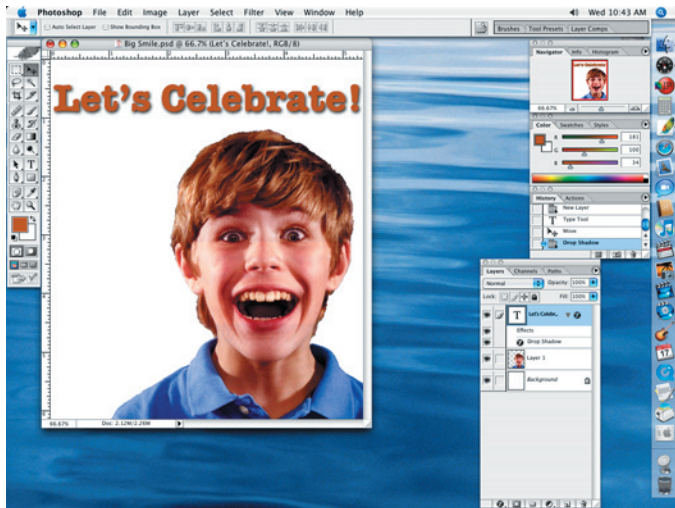


# The Distort and Liquify Tools

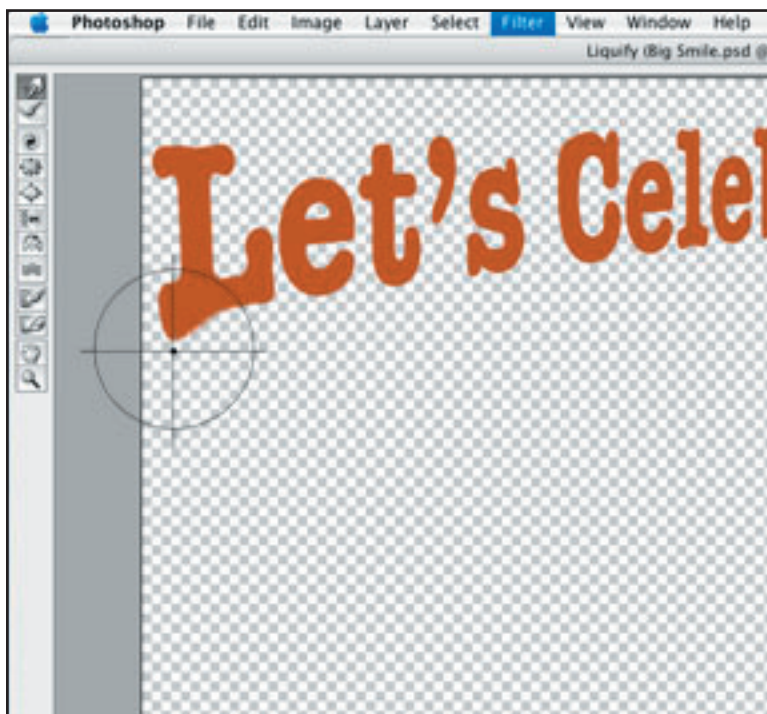
By Ken Rice  
Viewmont High School

Here we have a cheerful little guy with a headline. We'll distort his face and re-shape the headline a bit.

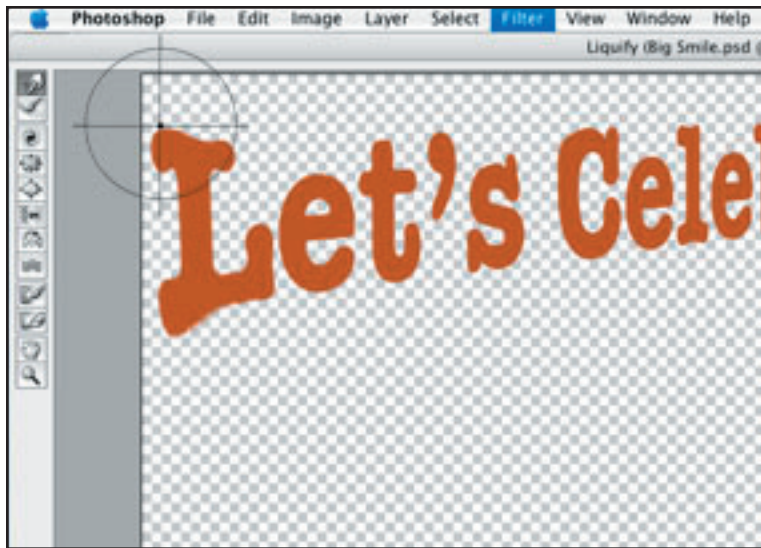
To make this work, we need to be sure that the type and boy's face are on separate layers. In the example, we've already set out type and we've selected the type layer. Then, we'll go to the Edit menu and select Transform > Distort. I've pulled the left-hand corners up and down to change the shape of the headline.



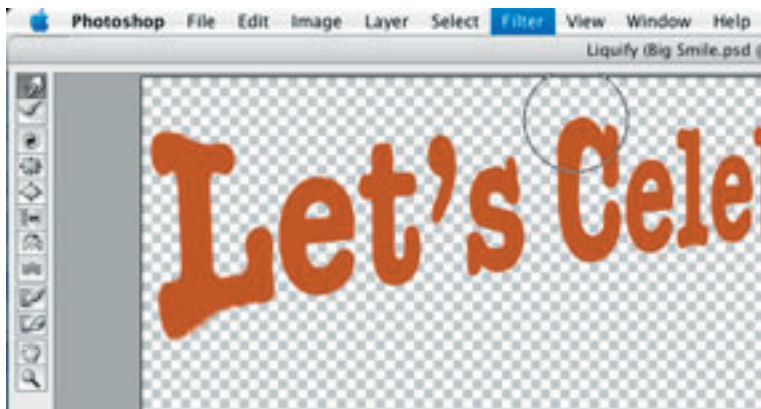
Next, we open the Liquify filter. On the Menu Bar to Filters > Liquify. The cursor becomes a crosshair target, which we place just below the serif on the capital L, and pull down. One needs to experiment a bit to get a feel for the way this works — and if you go too far, you can cancel and re-open the filter.



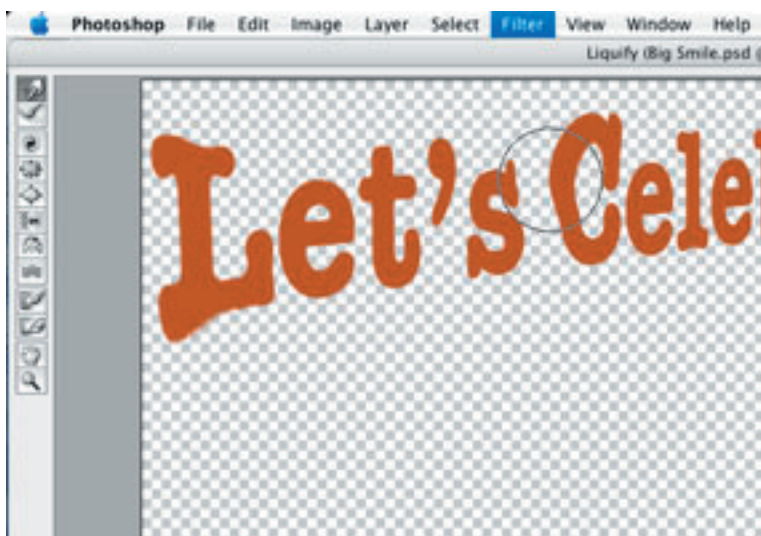
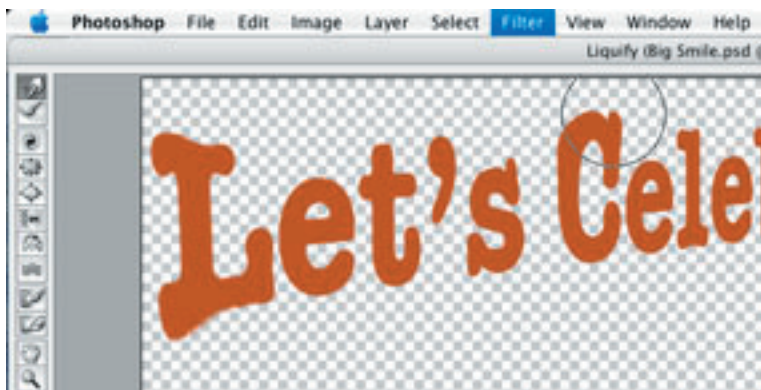
Here is the serif pulled down.



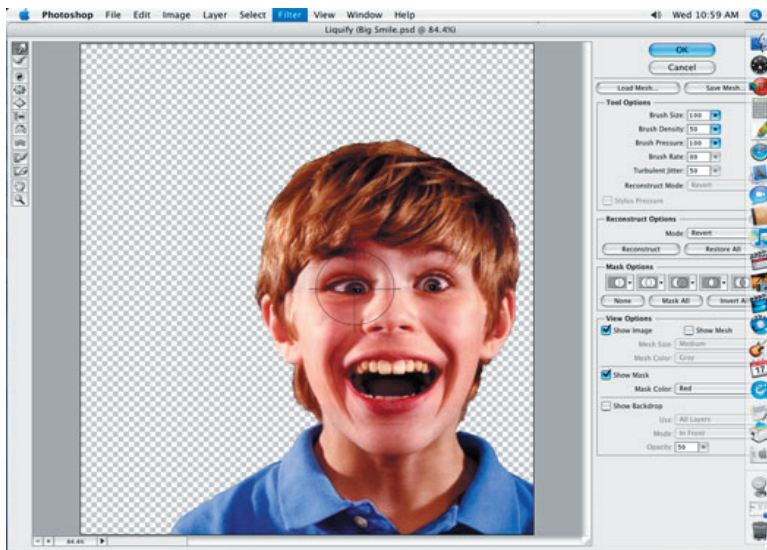
Without clicking OK, we move the cursor and pull up on the upper serif.



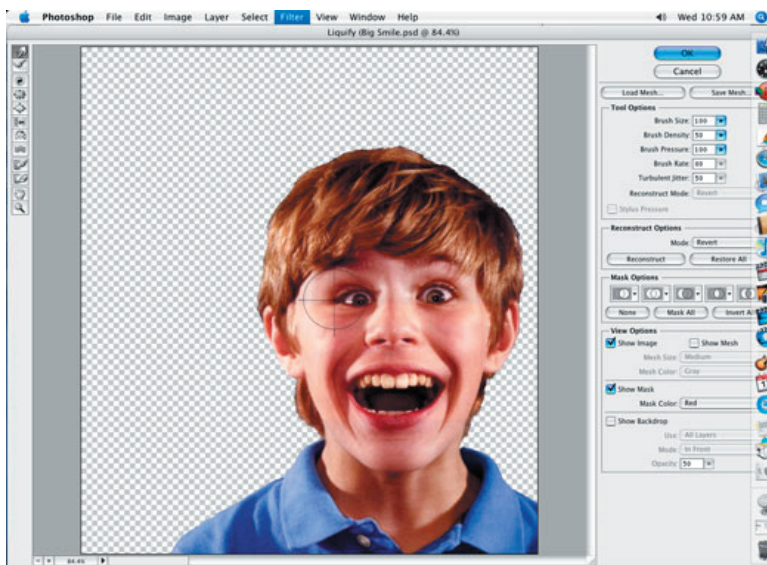
At this point, we've begun massaging the Capital C, starting at the top, pulling up on the serif, then working our way around the side, pulling a little at a time. When we're happy with our liquification, click OK. Then, we select the layer with the happy lad.



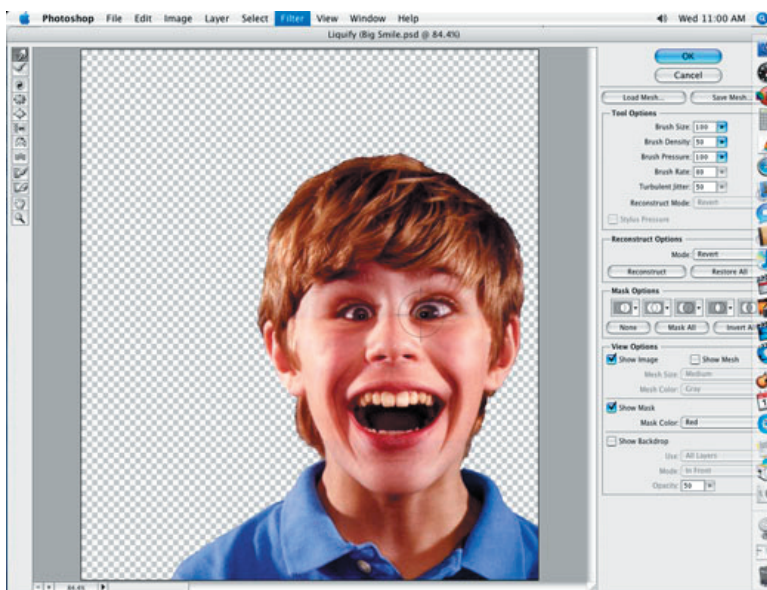




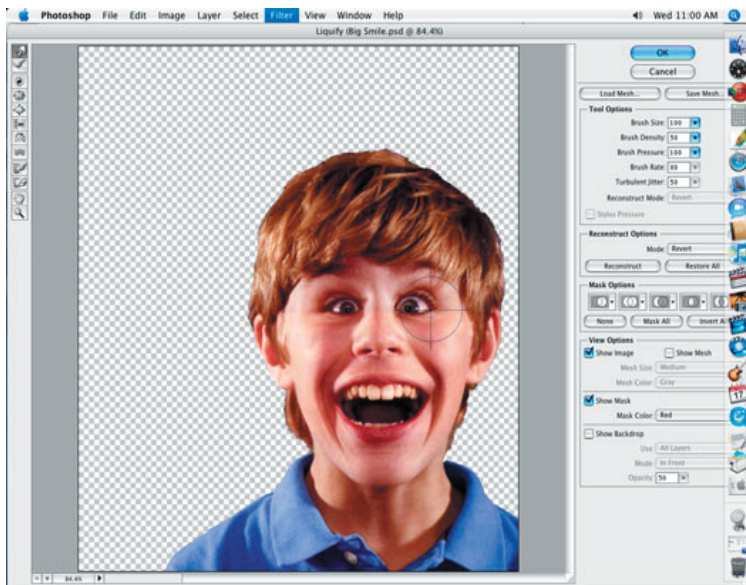
Trust me, he won't feel a thing. Our first step is to make his eyes smaller and closer together. To do this, I've positioned my cursor's center on the center of his eye and move it toward his nose.



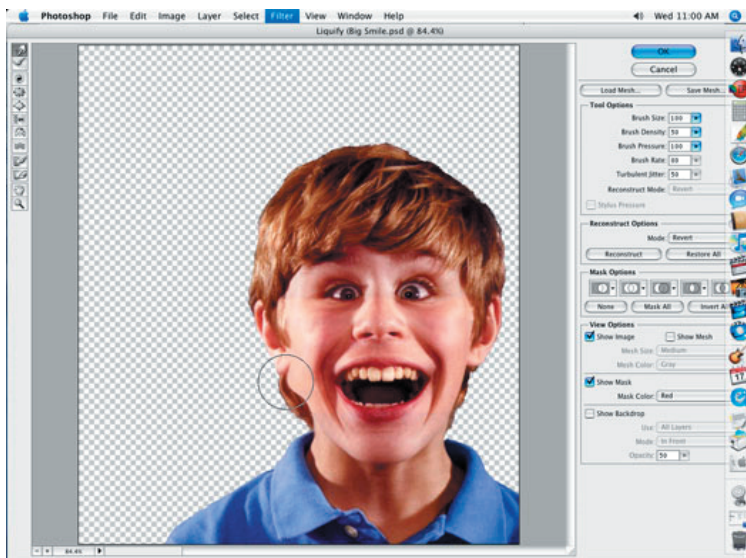
Next, we position the cursor on the left side of his eye and push it closer to the nose.



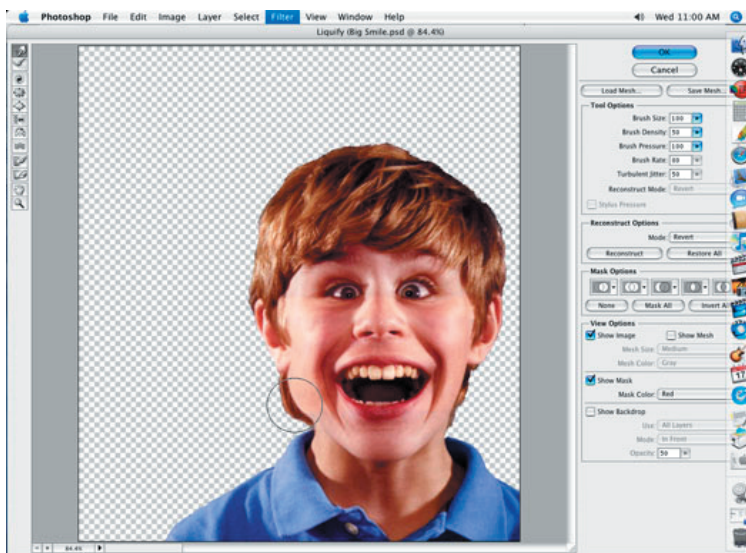
Our little Frankenstein's monster is beginning to take shape. We've positioned the cursor on the center of his right eye and moved it toward his nose.



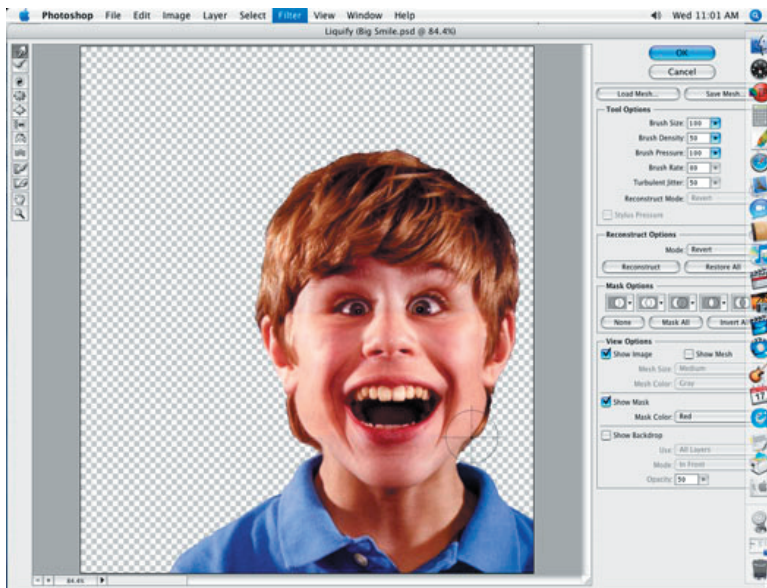
Moving on, we position the cursor on the right side of the right eye and push it left. It's all artistic judgement at this point.



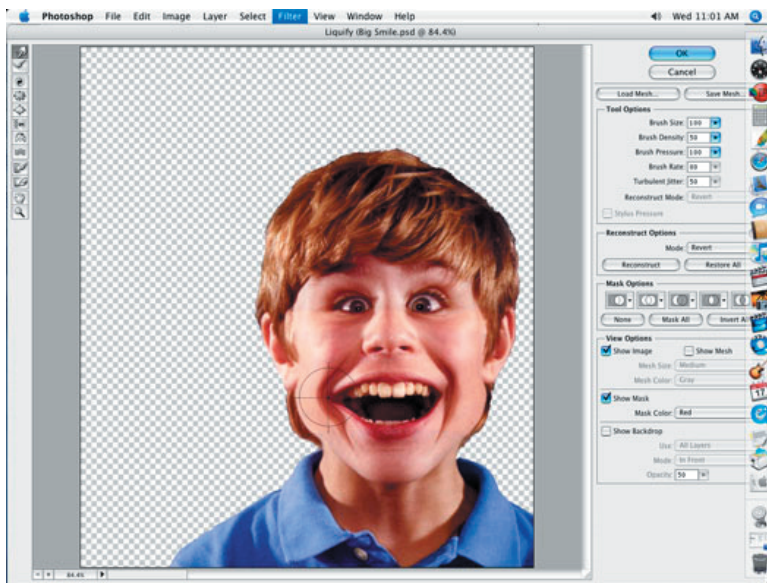
We're impressed by that big smile, but let's make it bigger. First we need some room, so we'll make a couple of moves on the left cheek, pulling it out.



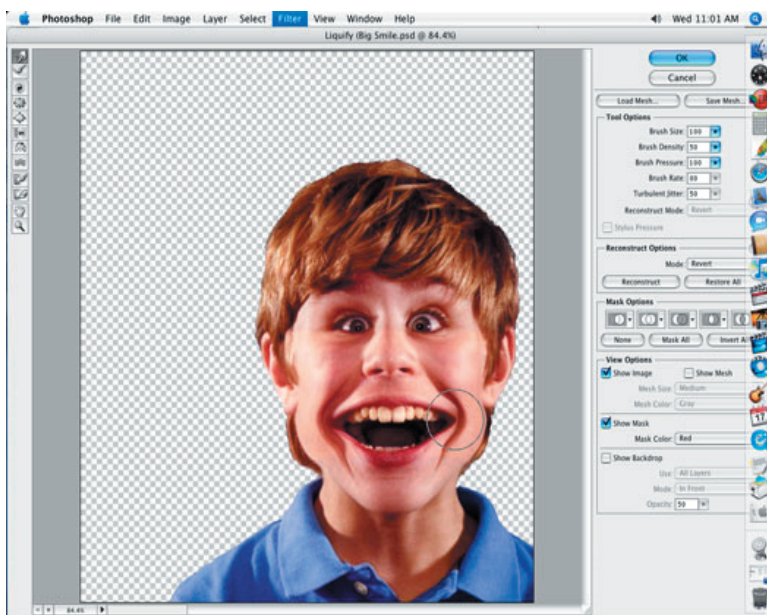




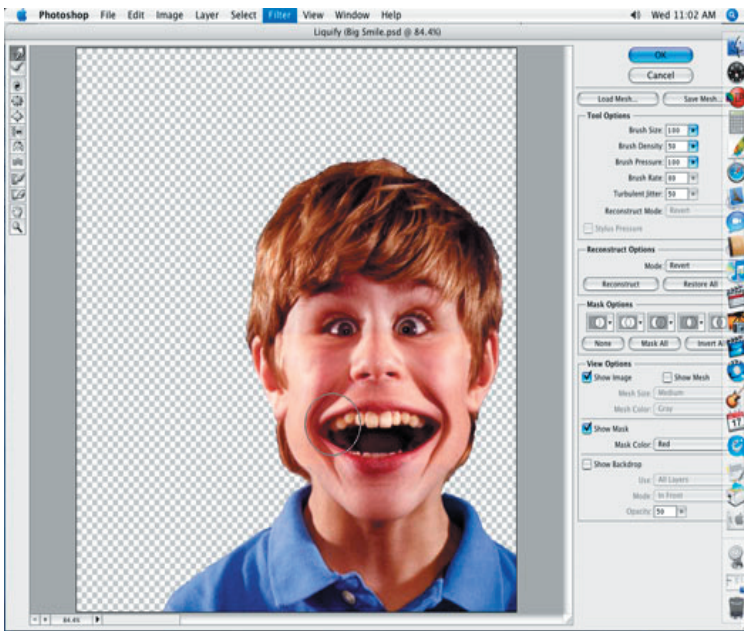
Then, we do the same thing on his right cheek.



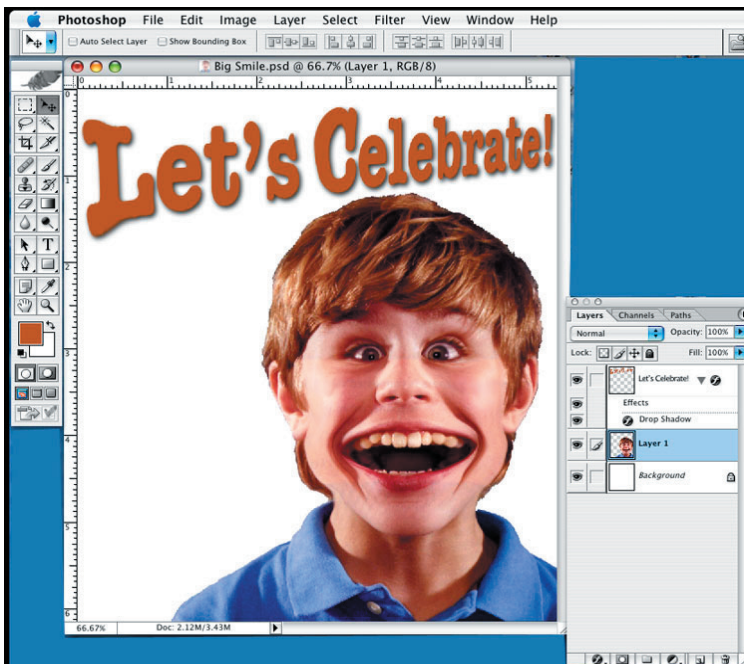
Grabbing the left corner of his mouth, we'll pull it left, being careful not to pull down too much. Then, we'll move the cursor to the right to pull some of the extra curve out of his lip.



We'll repeat this operation (Sorry, poor choice of words) on the right side of his mouth.



We drop the cursor onto the back teeth and drag them to the left, increasing that already impressive dental arch. And, we'll do the same thing on the right.



Here he is in all his gruesome glory. Have fun with the filter.



For those wishing to move on, this magazine illustration includes a specially constructed set, the distort tool (under Edit), the liquify tool and the Spherize filter. *Have fun.*